1st part Bill

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements and Restoration of Roads in ward No. 05 (pakage 01) (Pakcage consists of 6 works)						
	Est cost: 600.00 lakhs						
	Sobe code/ Indent No 005-23-000001 Indent No 48374, Vendor No 022235						
	Work order No: BBMP/EE/BTP/Wo/48/22-23 Dt 18/6/22						
	Name of contractor: Sri. K.R. Santhosh Kumar.						
(1)	Earth Excavation by manual means for road drains, similar works in Ordinary soil						
	Excavated surface levelled & sides neatly dres						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

356750

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	The disposed earth to be leveled neatly after breaking clouds. etc complete @ Rate 209.68/m³					qty. 1809.86 m³ = 379491=00	
	(2) Removing & Refixing stone slabs of drains & pointing in (CM) 1:3 etc complete @ Rate 112.41/m²					qty - 3591.95 m² = 403771=00	
	(3) Providing granite slabs of selected quality roughly dressed having size of 7.5 c.m thick & fixed in C M (1:6) @ Rate 749.02/m²					qty - 1783.62 m² = 1336680=00	

1336681/=

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) Providing & laying in position P.C.C of mix 1:4:8 with 40m.m & down size graded granite metal coarse & fine aggregates machine mixed concrete laid in layers not less than 150m thick well compacted in foundations etc complete @ Rate 5675.99/m^3					Qty - 90.12m^3 = 511520=00	
	(5) Providing laying plain/reinforced cement-concrete for side drain using M20 nominal mix concrete with 20 m.m & down size granite metal coarse fine aggregates M/C mixed well compacted. for wall & Bottom including Centering Shuttering cost materials etc complete.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

356751

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			@ Rate 7497.22/m³			Qty - 174.27 m³	
						= ~~1303404=00~~	
						130654=00	
	(6) Providing T.M.T. bars Fe500 steel reinforcement for RCC work including straightening cutting bending hooking placing in position tapping +/or welding wherever required tying with binding wire & anchoring to the adjoining members etc complete						
			@ Rate 80948.04/Tm			Qty - 11.10 Tm	
						= 898524=00	
	(7) Providing & Fixing pre cast covering slab made out of CC 1:2:4 with 10 cm thick & Finishing cutting including						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	form work, curing including cost of all materials labour, hire charges of machinery. loading unloading lead & lift- transportation etc complete. @ Rate 1941.22/m²					Qty - 578.70 m² = 1123384	
	(8) providing & fixing precast- covering slab 250 m.m thick made out of CC 1:2:4 & 20 m.m down size with steel reinforcement- including all work, cost of materials labours hire charges loading & unloading etc complete. @ Rate 5472.18/m²					Qty - 41.78 m² = 228628	
	(9) Excavation for roadwork in all types of soil = by mechanical means including cutting & load						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 356752

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to upper trimming Bottom & side slopes in accordance with requirements & Lines grades & Cross Section & transportation with a Lead & Lift etc complete @ Rate 56 $/m^2$					Qty - 533.54 m^2 = 30316=00	
	(10) Scarifying bituminous course 50mm to 75mm thick along with premix carpet/ surface dressing the base & stacking debris including cost of all labour charges etc complete. @ Rate 41.75 $/m^2$					Qty - 17090.13 m^2 = 713513=00	

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
							Nil
	(11) Supplying & laying sand/crushed sand etc complete (Extra for watering etc)						
	(12) (13) Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour etc complete @ Rate 642/m²						
							Rs. 17090.13 = 109719=0
	(14) providing laying spreading & compacting crushes stone aggregates of granite (trap) ball to wet mix macadam including prime materials with water at OMC in mechanical mix plant carring & mixed materials by tipper to site laying in uniform layers with paver in sub-base course on well prepared surface etc complete						

Serial No
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@ Rate 2021.29/m³ Qty - 3948.70 m³

= 7981468=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356753

Serial No. .....

Name of Work (15) providing & applying primer coat with S-S bitumen emulsion on prepares surface of granular base such as WMM including cleaning of road surface etc complete From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Qty - 21508.59 m²

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ Rate 2021.29/m³			@ Rate 24.26/m²	Qty - 3948.70 m³ = 7981468=00	= 736884=00

(16) Providing & laying bituminous macadam on prepared surface with crushed cocoa aggregates including loading of aggregates with F.P loader hot mixing of stone aggregates & bitumen in hot mix plant transporting the mixed materials in tipper to paver & laying mixed materials with paver finisher to required level & grade rolling by smooth wheeled vibratory & tandem roller to achieve the desired density etc complete.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
17	Cleaning of existing - Wil-						
	Item No. 16 → @ Rate 5923.63/m³					Qty - 1075.43	
						= 6370449	
18	providing & applying tack coat using bitumen (VG10) on the prepared surface at 2.5 kg/10 m² heating bitumen in boiler fitted with sprayed including cost of all materials etc complete					80400 gra	
	@ Rate 12.85/m²					Qty - 23898.13	
						= 307091	
19	providing & laying bituminous concrete using crushed aggregates of specified grading premixed with bituminous binder & filler transporting the hot mix to work site laying with a paver finisher to the required grade level & alignment rolling with smooth						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

356754

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	wheeled vibratory & tandem roller to achive the desired density etc complete. @ Rate 8534.82/m³					Qty - 955.93 m³ = 8158690=0	
(20)	Road marking with Hot Applied Thermoplastic compound with Retroreflecting Glass Beads on Bitumenous surface providing & applying thermoplastic compound 2.5 m.m thick including retroreflecting glass Beads at 250 gms/m² area thickness of 2.5 m.m is excusive of surface compose						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
29/7/22						Qty - 378.44 m²	
						@ Rate 459.29/m²	
						= 173814 =	
						3077048	
						- AMT 18 %. - 553868 =	
						- Grand Total 3630917 =	
						Round off.	
						3630800.00	
	① It is certified that the above work done satisfactorially.						
	② The above Bill amount has not claim any of previous Bills.						
	Contractor						
29/7/22						29/07	

Serial No. .....
Name of Work .....
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Date	Full description, etc,
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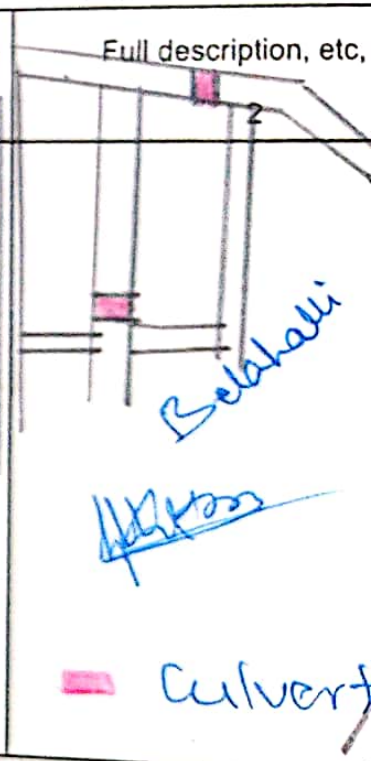

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M. A. R. 57 (Rule 116)

Measurement Book

No. B

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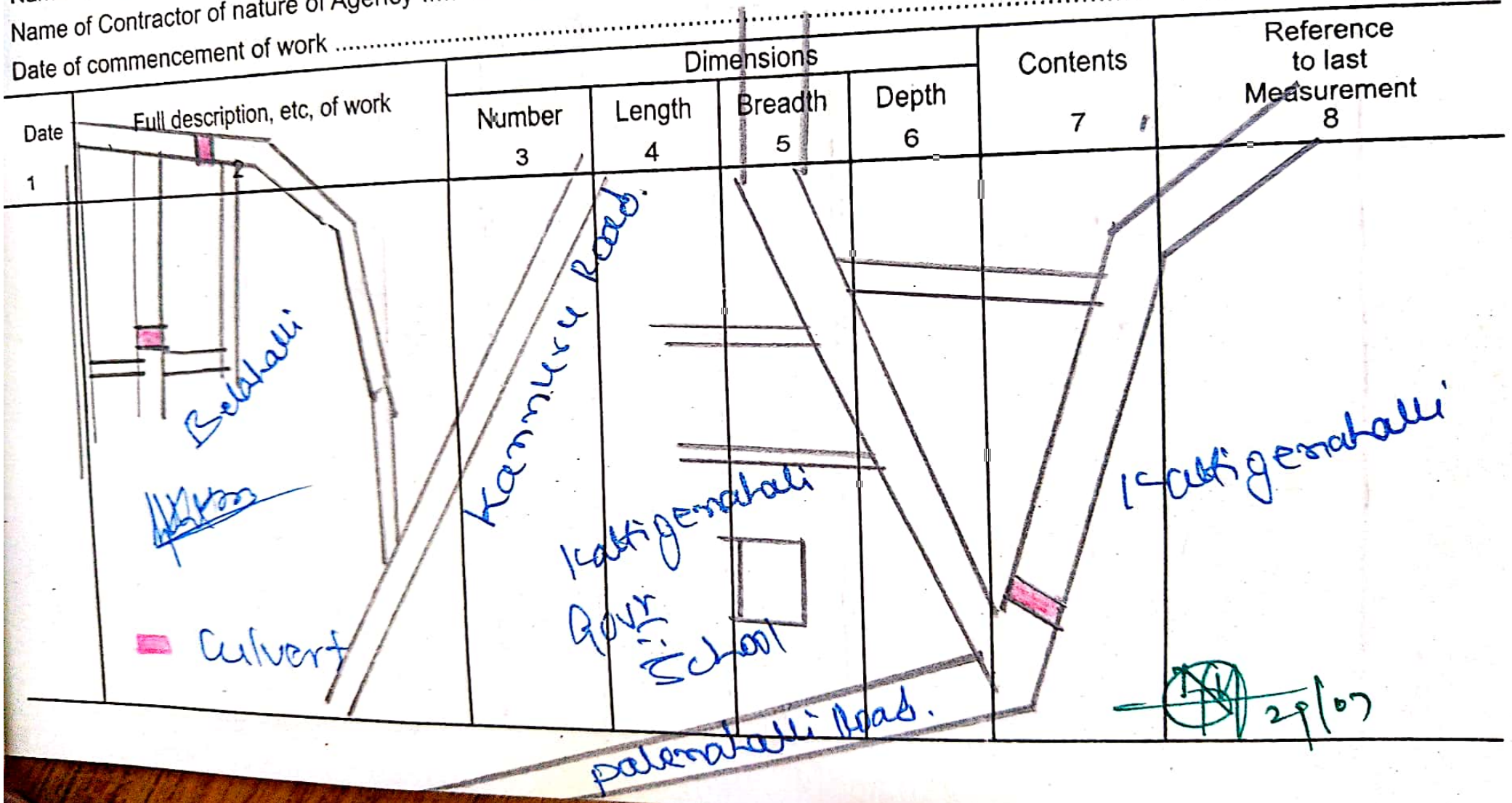
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Path around lawn			9.2			
				9.2			
	CC. Drain						
	CC. Culvert						

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M. A. R. 57 (Rule 116)

Measurement Book

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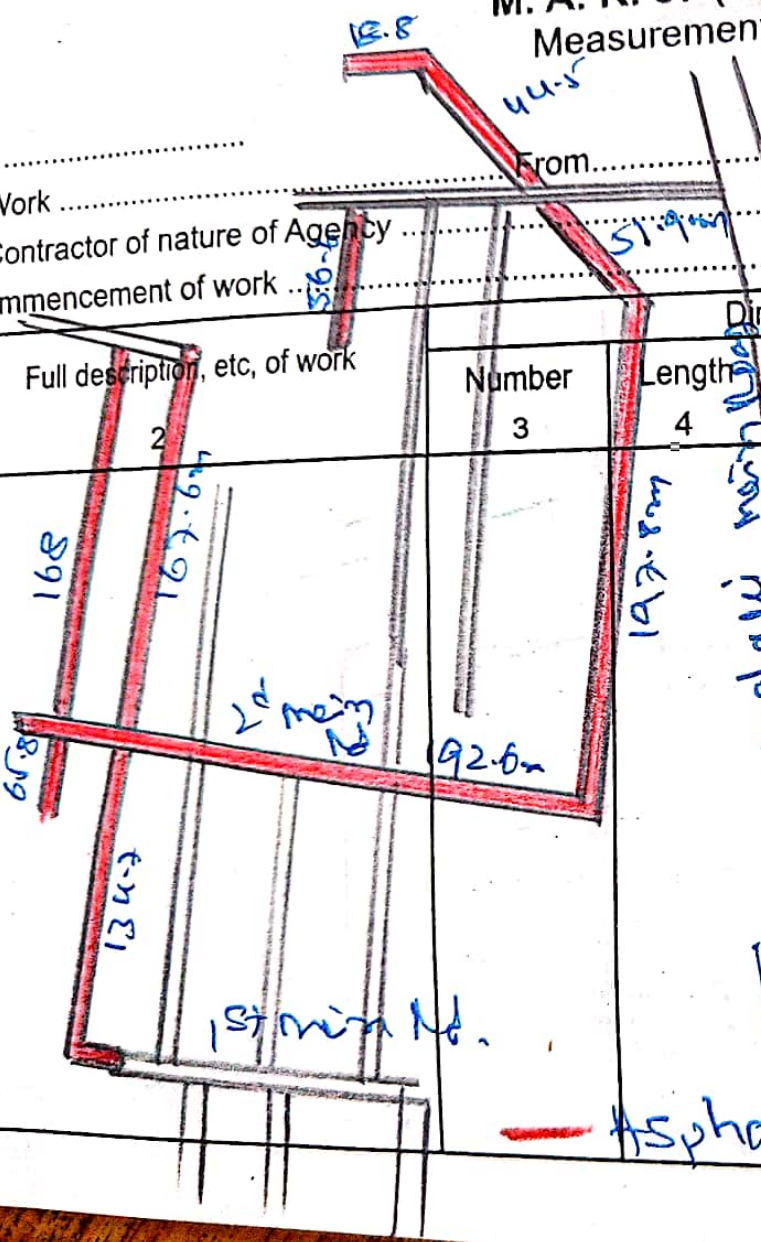
Name of Contractor of nature of Agency .....

Date of commencement of work .....

From..... To.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Asphalt Roads.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	190.5m						
	181.5m						
	Winnfield garden 137.9m						
	Asphalt road						
	6th R main Road						
	Bangalur Main Road						
	L 96.2 Nithish Central M						
	94.5						
	2 Cross						
	95.63						

29/07

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-2.

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M. A. R. 57 (Rule 116)
Measurement Book

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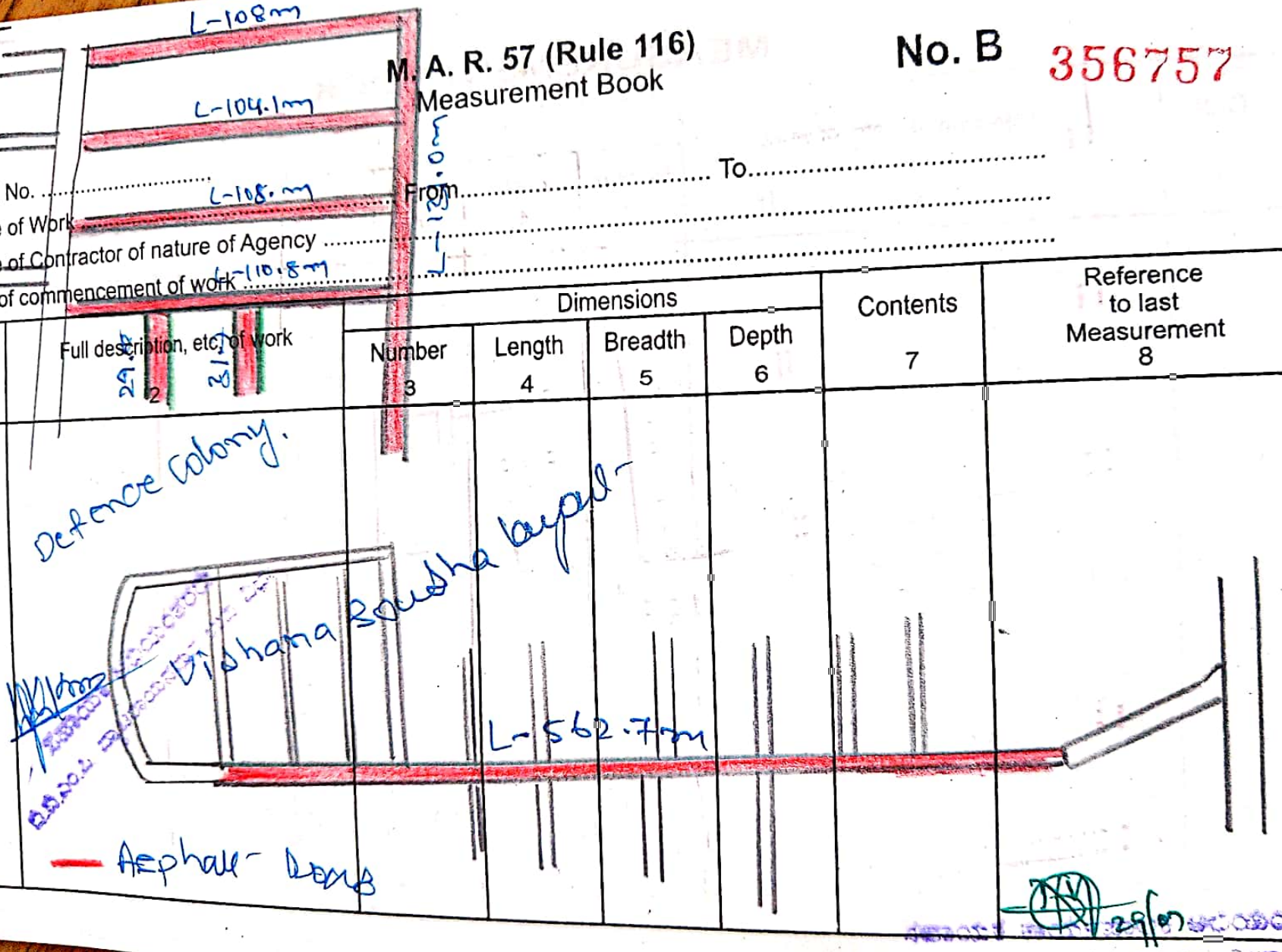
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

From ..... To .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Defence Colony. Vidhana Soudha bypal-						
	Asphalt Work						



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ಕಾಮಗಾರಿಯವರ ಅಂತಿಮ ವಿಭಾಗ
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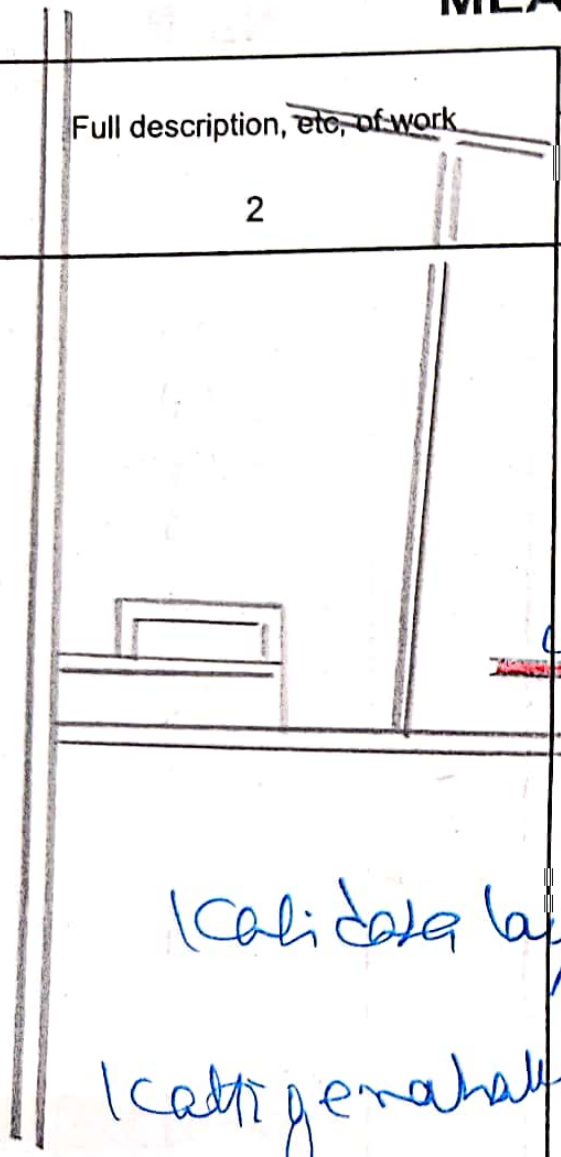
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

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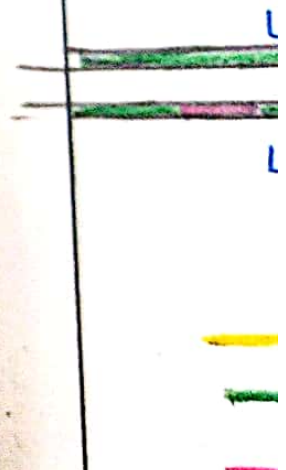

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 356758

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	L-126.75m L-125.25 Desilt CC Drain Culvert palavahalli	4		L-100.9 L-72m 26.2 20.2 8.5 4.9m	L-14.5		Palavalli Road

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1st & Part

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	P 360 - 524 2	3	4	5	6	7	
	ಲೆಕ್ಕಪೀಷಿಕೆ For water supply work						
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 36308000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ		TTB	36308000.00		1st & Part	
	ಇದರಲ್ಲಿ ರೂ. 17300000/- ಗಳನ್ನು ಪೊಂದಾಣಿಕೆ		It	36308.00			
	ಮಾಡಿಕೊಂಡು ರೂ. 34578000/- ಗಳನ್ನು		Cast	324179.00			
			Sust	324179.00			
			Cess	36308.00			
	FT/NEFT/RTGS ಮುಖಾಂತರ ನಿರ್ದೇಶಾಗಿದೆ		LR	319174.00			
			Fine	-			
	ವಿಷಯ ನಿರ್ವಾಹಕರು ಲೆಕ್ಕಾಧಿಕ್ಷರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮುಪಾ, ಬೆಂಗಳೂರು		CGP	36308.00			
			Ded	1730000.00			
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಮುಪಾ, ಬೆಂಗಳೂರು		Net Payable	34578000.00			

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